

ABSTRACT

A robotically manipulable tool, such as a colony picking head or robotic pipetting tool, includes a processor on the tool. The processor may receive high level instruction from a robot controller and use the instruction to cause devices on the tool to perform desired functions. The processor can also store maintenance and other information regarding past use or repair of the tool. In addition, the processor may perform self-diagnostic tests on the tool or be used to perform functions during bench testing of the tool.